


Intelligent Transportation Systems

Traveler Information Toolbox


What's in it for you?



2006 Construction Conference


Kelly Damron

www.ncsmartlink.org
Your link to NCDOT Traveler Information




Intelligent Transportation Systems

Topics




- Statewide Transportation Operations Center
- Traveler Information Management System
- 511

www.ncsmartlink.org
Your link to NCDOT Traveler Information



Intelligent Transportation Systems

NCDOT Statewide Transportation Operations Center



Available 24x7x365
1-877-NCS-STOC

www.ncsmartlink.org
Your link to NCDOT Traveler Information



TIMS

Intelligent Transportation Systems

Why Traveler Information?



- Mobility & Safety
 - Make travelers aware of your work
 - Media Notifications & 511
- Why Am I Here???

More and better TIMS entries


- Hard to tell % really entered
- Can we make them better?

www.ncsmartlink.org
Your link to NCDOT Traveler Information




Intelligent Transportation Systems

TIMS Entries for Construction Projects




- Accurate
- Timely
- Meaningful
- Update when traffic patterns change
- Help us get the word out locally

www.ncsmartlink.org
Your link to NCDOT Traveler Information



Intelligent Transportation Systems

TIMS Entry




A Low severity incident has been Added for NC-800 West Bound in Hammer County Near Nailsville:

What are the cross streets for this road work?

Incident started at 2/2/2006 9:00:00 AM and is expected to end at 2/2/2006 3:00:00 PM.

Construction: Widening

www.ncsmartlink.org
Your link to NCDOT Traveler Information



TIMS

Intelligent Transportation Systems

Incident Detail

Location:
Orange County, Near Hillsborough
NC 50 heading West
Lane Closed
Expected backup is less than 1 mile

Start Time:
2/2/2006 09:00 AM

End Time:
2/2/2006 03:00 PM

Reason:
Maintenance: Lane Closed
Repair bridge rail

Construction Times:
Thursday
9:00 AM to 3:00 PM

What are the cross streets for this road work?

www.ncsmartlink.org
Your link to NCDOT Traveler Information

SMARTLINK

Intelligent Transportation Systems

TIMS Entry

A Low severity incident has been added for NC 500 West Bound in Tool County Near Box Lane Closed.

The incident started at 8/22/2005 7:00 AM and is expected to end at 9/2/2005 5:26 PM.

Construction: Lane Closed

Installing 3 curb drains.

Construction Times: Monday-Friday 7:00 AM-3:30 PM

www.ncsmartlink.org
Your link to NCDOT Traveler Information

SMARTLINK

Intelligent Transportation Systems

Incident Detail

Location:
Surry County, In Mount Airy
US 52 heading North
Lane Closed
Expected backup is less than 1 mile

Start Time:
7/25/2005 07:12 AM

End Time:
7/25/2005 09:12 AM

Reason:
Construction: Lane Closed
Installing 3 curb drains.

Construction Times:
Monday-Friday
7:00 am to 3:30 pm

Where on US 52?

Which lane closed?

www.ncsmartlink.org
Your link to NCDOT Traveler Information

SMARTLINK

TIMS

TIMS Entry

A Low severity incident has been Added for NC-150 Both Directions in Standard County Near Phillips Head:

What are the road names?

Where does the road work start & stop?

Follow Detour Signs posted at ends of Screw Rd.
From West take SR 1149 to SR 1101 to SR 1153.
From East take SR 1153 to SR 1101 to SR 1149.

www.ncsmartlink.org
Your link to NCODOT Traveler Information

SMARTLINK

Incident Detail

Location:
Wake County, Near Holly Springs
SR-1154 Both Directions
Road Closed with Detour
Expected backup is less than 1 mile

Start Time:
2/22/2006 08:00 AM

End Time:
6/22/2006 08:00 AM

Reason:
Construction: Road Closed with Detour
Road Closure to repair bridge 460 over Big Branch Creek

Construction Times:
Sunday-Saturday
8:00am to 7:00pm

Follow Detour Signs posted at ends of Woods Creek Rd. From West take SR 1149 to SR 1101 to SR 1153. From East take SR 1153 to SR 1101 to SR 1149.

What are the road names for: SR-1149; 1101; 1153; & 1154?
Where does the road work start & stop on SR-1154?

www.ncsmartlink.org
Your link to NCODOT Traveler Information

SMARTLINK

Great TIMS Entries

General Location Description Restrictions Preview

Location:
Caldwell County
US-321 Both Directions
Road Closed with Detour, Near Lenoir
Expected backup is 1 to 2 miles

Start Time:
3/5/2006 12:00 PM

End Time:
3/5/2006 12:00 PM

Reason:
Construction: Road Closed with Detour

The Contractor constructing the US 321 widening project North of Lenoir will close the entire roadway on Thursday the 3/5, between the hours of 12 noon and 2:00 PM. The roadway will be closed due to blasting operations. There is a signed detour in place.

Construction Times:
Thursday
12:00pm to 2:00pm

•Location •Web links

There shall be a signed detour in place and is as follows: NC 38 in Lenoir to US 421 in Wilkes County, US 421 to Boone in Watauga County, US 321 to Blowing Rock. For southbound traffic, follow the same detour route from Blowing Rock to Lenoir.

Incident created by fjoice on 3/3/2006 9:08:29 AM

IP Send Notification (Timeout & Save Only)

www.ncsmartlink.org
Your link to NCODOT Traveler Information

SMARTLINK

Great TIMS Entry

Incident Detail

Location:
 Caldwell County, Near Lenoir
 US-321, both Directions
 Lane Closed
 Expected backup is less than 1 mile

Start Time:
5/25/2005 10:15 AM

End Time:
6/25/2006 04:00 PM

Reason:
 Construction: Lane Closed
 The Contractor constructing the US 321 widening project north of Lenoir between Blackberry Road and Kirby Mountain Road will be conducting flagging operations at various times and at various locations throughout the project limits during daylight hours. Motorist can expect to be delayed approximately 10 to 15 minutes at a time. As the widening construction progresses, the Contractor may perform flagging operations at night. The same delays can be expected at night as in the daylight hours.

Construction Times:
 Monday-Saturday
 8:00 AM to 4:00 PM

CLIQUE

There is not a detour for flagging operations.

www.ncsmartlink.org
 Your link to NCDOT Traveler Information

SMARTLINK

Construction Entries
 In TIMS: July-December 2005

- 681 Construction Entries of 3,390 total incidents entered
- Construction Entries make up 20% of the total number of entries

www.ncsmartlink.org
 Your link to NCDOT Traveler Information

SMARTLINK

Entries per Division

Construction Entries

Division	# Construction Entries
1	6
2	15
3	22
4	116
5	92
6	42
7	68
8	15
9	49
10	120
11	55
12	38
13	31
14	12

at least half of 2005
All "Construction" Incident Types


www.ncsmartlink.org
 Your link to NCDOT Traveler Information

SMARTLINK

TIMS


Intelligent Transportation Systems

TIMS Survey Feedback



- Nothing New
 - Need Map
 - Easier Entry
 - Training
- Only 67 responses of 1100 users!

www.ncsmartlink.org
Your link to NCDOT Traveler Information



Intelligent Transportation Systems



Over 1 Million calls to date

- Same information as TIMS
- Adding Mile Markers & Cities
- No more segments
- Improving awareness

www.ncsmartlink.org
Your link to NCDOT Traveler Information



Intelligent Transportation Systems

Comments?



Questions?

www.ncsmartlink.org
Your link to NCDOT Traveler Information